



# Preliminary Information

## PIP5665 Diagnostic Tip - Engine Will Not Crank

### Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Silverado 1500 (New Model)	2019	All	All	2.7L (L3B)	All
GMC	Sierra 1500 (New Model)	2019	All	All	2.7L (L3B)	All

Involved Region or Country	North America
Condition	Customer complaint of engine will not crank.
Cause	Potential open F3BA 400 AMP fuse in X50D Fuse Block - Battery

### Correction:

If the above concern is encountered, and the starter motor does not rotate during a crank request, test for an open F3BA 400 AMP fuse in the X50D Fuse Block - Battery.

If the F3BA 400 AMP fuse is not open, follow the Starter Malfunction diagnostic in SI.

If the F3BA 400 AMP fuse is open: Test for infinite resistance between the test points: B+ circuit terminal A X2 @ M64 Starter Motor & Ground

If less than infinite resistance » Repair the short to ground on the circuit.

If infinite resistance: Do not replace the Starter Motor, replace the component: X50D Fuse Block - Battery and retest for proper engine cranking.

If the engine no crank condition continues, follow the Starter Malfunction diagnostic in SI.

### Version History

Version	1
Modified	07/31/2019 - Created on



GENERAL MOTORS